

## PROBLEM SOLVING with DMAIC METHODOLOGY

**Course description:** This training focuses on problem solving techniques following the DMAIC Methodology: *Define, Measure, Analyze, Improve* and *Control*. Participants will learn to identify problems and opportunities in process and business environments. The 5 steps of the DMAIC methodology will be used to understand the importance of using a problem solving process.

### Course Objectives:

- Learn to identify problems and opportunities
- Understand the importance of using a problem solving process
- Learn the 5-step DMAIC process for Problem Solving
- Practice problem solving tools used in the DMAIC process

### Course Outline:

- Introduction
- Continuous Improvement Attitude
- Understanding Problems
- DMAIC Process Flow
- The (D)efine, (M)easure, and (A)nalyze Phases
- The (I)mprove & (C)ontrol Phases
- I & C – Back Training
- Project Charter Creation & Workshop Kick-off
- Project Gate Reviews
- Presentations and Findings



Take the first step to a more successful future!  
Contact **TMAC** today for your free mini-assessment.  
For more information Call (915) 747-TMAC (8622) Office • or Email us at  
[tmac@utep.edu](mailto:tmac@utep.edu)